



## **CERTIFICATE OF ANALYSIS**

|                         |          |  |
|-------------------------|----------|--|
| <b>Product Name</b>     | <b>:</b> | <b>D(+)-MANNOSE 99% FOR BIOCHEMISTRY</b> |
| <b>Code No.</b>         | <b>:</b> | <b>01637</b>                             |
| <b>Batch No.</b>        | <b>:</b> | <b>PC11221868</b>                        |
| <b>Mfg. Date</b>        | <b>:</b> | <b>NOV-2022</b>                          |
| <b>Date Of Analysis</b> | <b>:</b> | <b>12/11/2022</b>                        |
| <b>Retest Date</b>      | <b>:</b> | <b>OCT-2024</b>                          |

| TEST  | SPECIFICATION    | RESULT           |
|---|------------------|------------------|
| Appearance  | White powder     | White powder     |
| Assay   | Min 99.0%        | 99.88%           |
| Heavy metal (as Pb)   | Max 0.001%       | Less than 0.001% |
| Water (H <sub>2</sub> O)  | Max 0.5%         | 0.44%            |
| Specific optical rotation ([ $\alpha$ ] <sub>D</sub> <sup>20</sup> ; 5% in water) | +13.8° to +14.4° | +14.3°           |

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)